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Datasheet for ABIN1097439

PCDH10 Protein (AA 19-715) (His tag)

Overview

Quantity:	50 µg
Target:	PCDH10
Protein Characteristics:	AA 19-715
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCDH10 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Protocadherin-10/PCDH10 (C-6His)
Sequence:	QLHYTVQEEQ EHGTFVG NIA EDLGLDITKL SARGFQTVPN SRTPYLDLNL ETGVLYVNEK IDREQICKQS PSCVLHLEVF LENPLELFQV EIEVLDINDN PPSFPEPDLT VEISESATPG TRFPLESAFD PDVGTNSLRD YEITPNSYFS LDVQTQGDGN RFAELVLEKP LDREQQAVHR YVLTAVDGGG GGGVGEGGGG GGGAGLPPQQ QRTGTALLTI RVLDSNDNVP AFDQPVYTVS LPENSPPGTL VIQLNATDPD EGQNGEVVYS FSSHISPRAR ELFGLSPTG RLEVSGELDY EESPVYQVYV QAKDLGPNV PAHCKVLVRV LDANDNAPEI SFSTVKEAVS EGAAPGTVA LFSVTD RDSE ENGQVQCELL GDVPFRPKSS FKNYYTIVTE APLDREAGDS YTLTVVARDR GEPALSTSKS IQVQVSDVND NAPRFSQPVY DVYVTENNVP GAYIYAVSAT DRDEGANAQL AYSILECQIQ GMSVFTYVSI NSENGLYAL RSFDYEQLKD FSFQVEARDA GSPQALAGNA TVNILIVDQN DNAPAIVAPL PGRNGTPARE VLPRSAEPGY LLTRVA AVDA DDGENARLTY SIVRG NEMNL FRMDWRTGEL RTARRVPAKR DPQRPYELVI EVRDHGQPPL SSTATLVVQL VDGAVEPQGG GGSGGGGSGE HQRPSRSGGG ETSLDLTVDH HHHHH

Product Details

Characteristics:	Recombinant Human Protocadherin-10/PCDH10 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Gln19-Thr715) of Human PCDH10 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	PCDH10
Alternative Name:	protocadherin-10 (PCDH10 Products)
Sub Type:	Fusionprotein
Background:	<p>Protocadherin-10 (PCDH10) is a single-pass type I membrane protein that contains six extracellular cadherin domains, one transmembrane domain and one cytoplasmic tail differing from those of the classical cadherins. As a potential calcium-dependent cell-adhesion neuronal receptor, it may plays a role in the establishment and function of specific cell-cell connections in the brain. PCDH10 moderately expressed in all regions of the brain examined, as well as in testis and ovary, and low expression in all other tested tissues.</p> <p>Alternative Names: Protocadherin-10, PCDH10, KIAA1400</p>
Molecular Weight:	76.38 kDa
UniProt:	Q9P2E7

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Handling

Storage:	4 °C/-20 °C/-80 °C
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Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Expiry Date:	3 months
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